External Connector

EXTERNAL CONNECTOR

KB1	Keyboard Connector
J1	PS/2 Mouse Connector (Optional)
P1	Power Supply Connector
J4	COM1 Port
J2	COM2 Port
J3	Printer (LPT) Port
J6	USB 0 Connector
J5	USB 1 Connector
J7	Floppy Disk Drive Connector
J8	Primary IDE Connector
J9	Secondary IDE Connector
J10	CPU DC Fan Connector
JP18	Turbo LED Connector
J15	Standby Mode Switch Connector
J16	Reset Connector
J13	IDE Active LED
J12	IR Connector
J14	External Speaker Connector
J11	Keylock & Power LED Connector

MAIN BOARD

PROFESSIONAL MANUFACTURER

KM-T5-V REV:3.X
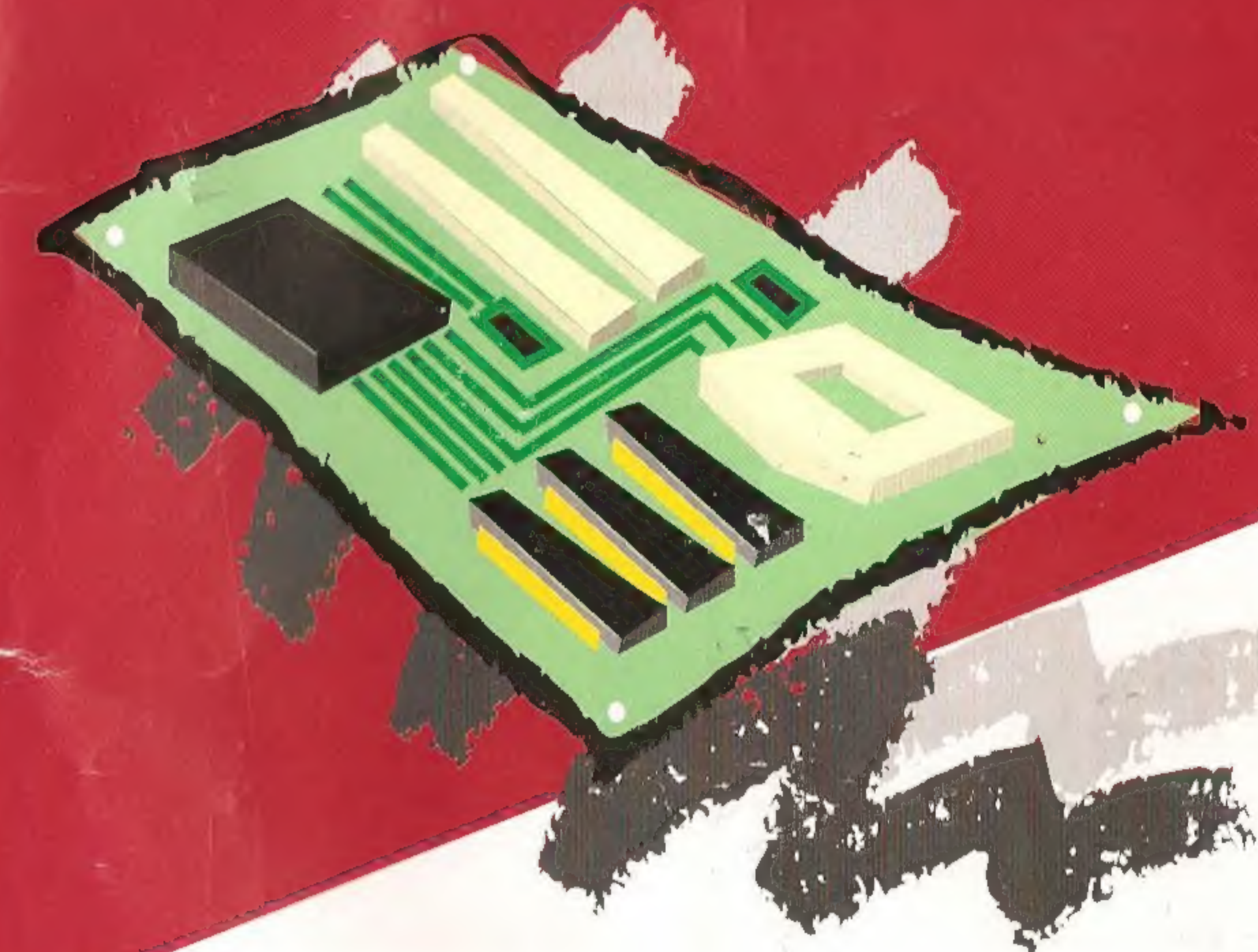
PENTIUM MAINBOARD

USER'S MANUAL

MAIN BOARD

CPU

Support either 75-200Mhz Pentium CPU with scoket 7.

Support two sets on-board regulator for dual power CPU.

Support Cyrix 6x86, AMD K5, Intel P54C,P55C CPU.

Architecture

Three PCI Local BUS slots & three 16 bits ISA BUS slots.

All three PCI slots support Master mode.

Cache Memory

On-board pipe-line burst SRAM 256KB or 512KB.

System Memory

Uses four 72-pin SIMM modules up to 256MB.

Support both Fast Page Mode & EDO RAM module.

I/O Spec.

Supports two PCI IDE interface on-board.

Supports mode 1 to mode 4 hard disk driver.

Supports two 16550 compatible enhanced serial ports.

Supports Floppy disk interface.

Supports EPP/ECP high performance parallel port function.
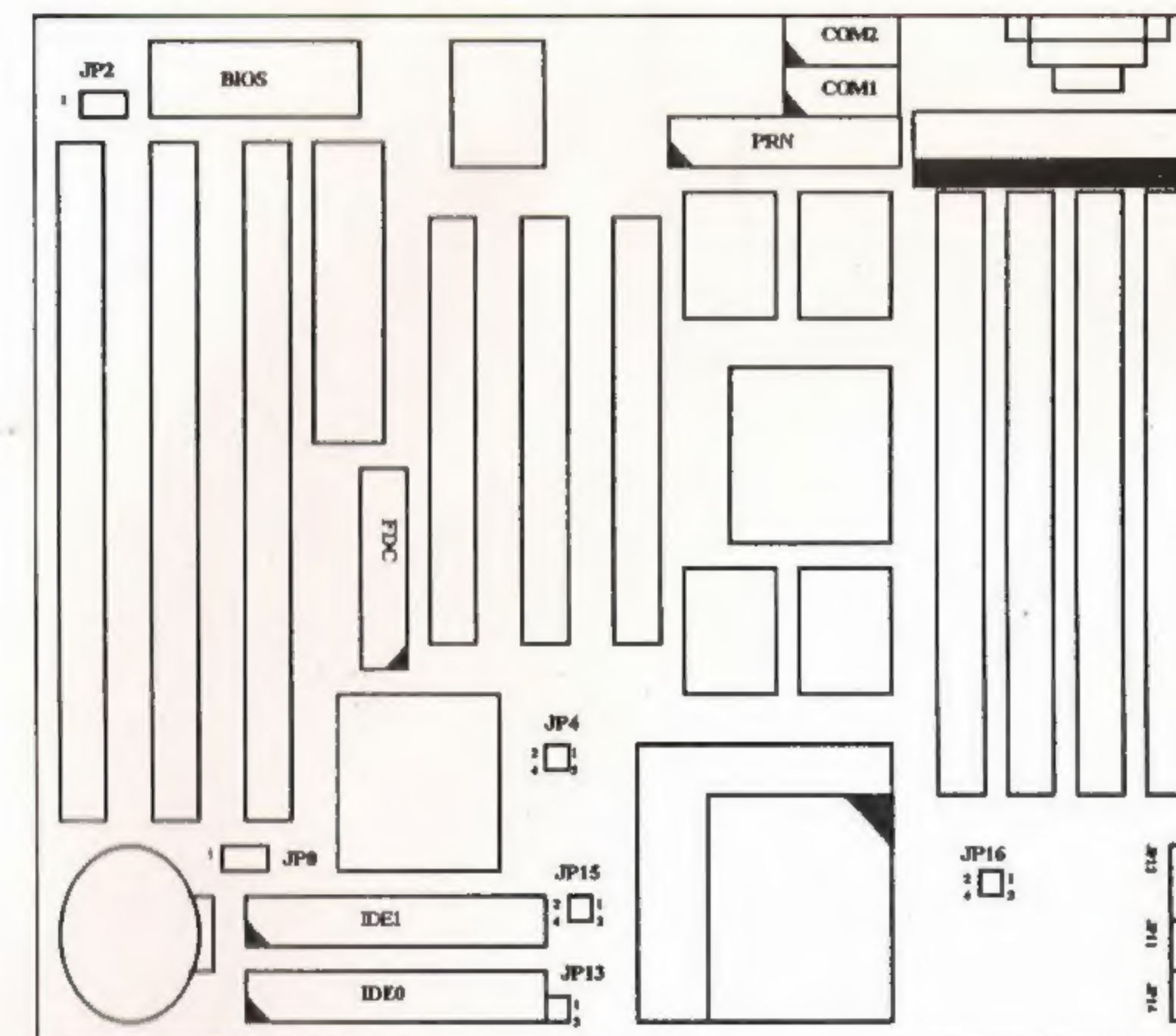
Supports two USB ports.

System BIOS

Award BIOS.

Supports Flash rom, Plag and Play, Green feature.

PCB Size

22x19cm

MAINBOARD LAYOUT

CPU VCC SELECT

JP11	JP12	JP14	JP15	JP16	CPU VCC
1-2	1-2	1-2	1-3,2-4	1-3,2-4	3.3V(Default)
1-2	1-2	2-3	1-3,2-4	1-3,2-4	3.45V
2-3	1-2	1-2	1-2,3-4	1-2,3-4	3.3V & 2.5V
2-3	2-3	1-2	1-2,3-4	1-2,3-4	3.3V & 2.7V
2-3	4-5	1-2	1-2,3-4	1-2,3-4	3.3V & 2.9V
2-3	1-2	2-3	1-2,3-4	1-2,3-4	3.45V & 2.5V
2-3	2-3	2-3	1-2,3-4	1-2,3-4	3.45V & 2.7V
2-3	4-5	2-3	1-2,3-4	1-2,3-4	3.45V & 2.9V

CPU SPEED SELECT

JP4	Ext. Clock Speed REV:3.0	Ext. Clock Speed REV:3.1
1-2,3-4	50Mhz	50Mhz
3-4	55Mhz	66Mhz(Default)
1-2	60Mhz	60Mhz
	66Mhz(Default)	55Mhz

CPU CLOCK MULTIPLIER

JP13	Clock Multiplier
1-2,3-4	2.5X
3-4	3X
1-2	2X(Default)
	1.5X

FLASH ROM VPP

JP2	Flash ROM VPP
1-2	5V
2-3	12V(Default)

CMOS DISCHARGE

JP8	CMOS Discharge
2-3	Standard(Default)
1-2	Clear CMOS